

Work Order ID 56736

March 5, 2010 9:59:52 AM



Page 1

Item ID: D119-646-113

Accept



Setup Start



Revision ID:

Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH

Stop



Start Date: 05/03/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 17/03/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

PL

Date: 103-05

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN-D119-646

B

100

0.00



DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP D119-646-113
CHG001

8 10/05/19

CL 10/05/10

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

PL 10/05/12 (1)

120

QC4- 100% Inspect kits for completeness

0.00



QC

Quality Control

Memo

0.00

8 10/05/19

(10)

B56859

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 56736

March 5, 2010 9:59:52 AM



Page 2

Item ID: D119-646-113

Accept



Setup Start



Revision ID:

Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH

Stop



Start Date: 05/03/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 17/03/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

130

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D119-646-113

Location: NAF

PPP rev: _____

10/05/19

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/05/19
mf
10-5-19

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 181

10

Work Order ID: 56736



Parent Item: D119-646-113



Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH

Start Date: 05/03/2010

Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D119-646-143 } Manufactured No



Replacement Float Skidtube w/ Full Length Wearplates & Wearpads

D119-646-311 } Manufactured No



Ground Handling

CHG 001

110 Each 0.0000 1.0000



56859

14/5/19

110 Each 2.0000 1.0000



✓

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

FG

2

53508

1

53509

1

110 Each 8.0000 2.0000



53505

14/5/12

D3883-1



Saddle, Outboard LH

Manufactured No

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

4

53048

4

Main Warehouse

ST429

4

51977

1

53164

3

53167

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 182

Work Order ID: 56736

Parent Item: D119-646-113

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH


Comments: IPP RevA: New issue DD verified by:EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3884-1 		Manufactured	No			110	Each	4.0000	2.0000			
Saddle, Inboard LH												

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

4

51989

1

53050

3

Manufactured No

110

Each

363.0000

16.0000

53050

Warehouse
Location

Loc Qty

Loc Code

OFFSHORE

FG

44

31985

44

Main Warehouse

ST021

264

53741

30

56067

234

Main Warehouse

ST40

55

51531

55

56067

D2652



Bushing

March 5, 2010 9:59:51 AM

Shop Packet Print

Page 182

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 183

Work Order ID: 56736



Parent Item: D119-646-113



Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH


Start Date: 05/03/2010

Required Date: 17/03/2010


Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3C50A  Bolt		Purchased	No			110	Each	46.0000	8.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	46	
112046	5	
112454	4	
112761	37	

AN4C6A  Bolt		Purchased	No			110	Each	611.0000	18.0000			
--	--	-----------	----	--	--	-----	------	----------	---------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	4	
103344	4	
Main Warehouse		
ST	607	
111295	0	
112759	25	
112794	82	
113121	500	

March 5, 2010 9:59:51 AM

Shop Packet Print

Page 183

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 184

March 5, 2010 9:59:51 AM

Work Order ID: 56736

Parent Item: D119-646-113

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH


Start Date: 05/03/2010

Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21250-05-006  BOLT		Purchased	No			110	Each	74.0000	8.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	74	
112046	12	
112657	62	

AN960C10L

Purchased

No

110

Each

388.0000

20.0000

M/12657

M/14371

P00015/120

washer

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	100	
103585	100	
Main Warehouse		
ST	288	
112116	128	
112612	160	

NAS114966432R

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 185

Work Order ID: 56736

Parent Item: D119-646-113

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH


Comments: IPP RevA: New issue DD verified by:EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960C416L  WASHER		Purchased	No			110	Each	1,314.000	30.0000			

Warehouse
Location

Loc Qty

Loc Code

OFFSHORE

FG

44

104925

44

Main Warehouse

ST

1270

111916

2

112612

368

112794

500

112828

400

AN960C516L



WASHER

Purchased

No

110

Each

161.0000

8.0000

Warehouse

Location

Loc Qty

Loc Code

Main Warehouse

ST

161

109545

12

111650

23

111916

126

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 186

Work Order ID: 56736

Parent Item: D119-646-113

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH

Comments: IPP RevA: New issue DD verified by:EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21043-3 Nut		Purchased	No			110	Each	4,196.000	14.0000			

Warehouse

Loc Qty

Loc Code

Location

OFFSHORE

FG

80

103691

80

Main Warehouse

ST

4116

111819

70

112243

29

112314

4017

MS21043-4

Purchased

No

110

Each

374.0000

13.0000

M/12314

M/14181

P12/5/12

Warehouse

Loc Qty

Loc Code

Location

OFFSHORE

FG

40

104603

40

Main Warehouse

ST

334

112314

100

112492

11

113064

223

March 5, 2010 9:59:51 AM

Shop Packet Print

Page 186

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 187

Work Order ID: 56736

Parent Item: D119-646-113

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH


Comments: IPP RevA: New issue DD verified by:EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2712  Set Screw		Manufactured	No			110	Each	439.0000	12.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	50	
29962	50	
Main Warehouse		
ST	2	
47603	2	
Main Warehouse		
ST022	387	
16400	20	
43810	11	
50415	356	

D3672-7



Phenolic Washer

Manufactured No

110

Each

803.0000

24.0000

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	803	
53237	803	

March 5, 2010 9:59:51 AM

Shop Packet Print

Page 187

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 188

Work Order ID: 56736

Parent Item: D119-646-113

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH

Comments: IPP RevA: New issue DD verified by:EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3672-3 Phenolic Washer		Manufactured	No			110	Each	524.0000	30.0000			

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST117

24

51596

24

Main Warehouse

ST77

500

55560

500

D3407-041

Manufactured No

110

Each

12.0000 1.0000

Tow Ring

Warehouse
Location

Loc Qty

Loc Code

OFFSHORE

FG

3

35780

3

Main Warehouse

ST

3

48356

1

50755

2

Main Warehouse

ST464

6

55032

6

March 5, 2010 9:59:51 AM

Shop Packet Print

Page 188

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 9

Work Order ID: 56736

Parent Item: D119-646-113

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH

Start Date: 05/03/2010


Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3417-5		Manufactured	No			110	Each	117.0000	1.0000			
												
Washer												

Warehouse Loc Qty Loc Code

Location


Main Warehouse

ST 117

44350 14

50366 3

52344 100

D3456-1		Manufactured	No			110	Each	172.0000	1.0000			
												
Washer												

Warehouse Loc Qty Loc Code


Location

Main Warehouse

ST 172

51653 4

54692 168

D3417-7		Manufactured	No			110	Each	22.0000	1.0000			
												
Washer												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST90 22

51645 22

March 5, 2010 9:59:51 AM

Shop Packet Print

Page 189

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:51 AM

Page 10

Work Order ID: 56736

Parent Item: D119-646-113

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, LH


Comments: IPP RevA: New issue DD verified by:EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3C45A  BOLT		Purchased	No			110	Each	50.0000	6.0000			

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

112646

AN960JD416

Purchased

No

110

Each

0.0000

6.0000

Washer

112646

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.3 Float Skid tubes

Item	Qty -013	Qty -014	Qty -112	Qty -114	Qty -213	Qty -214	Qty -043	Qty -143	Qty -153	Qty -243	Qty -253	Qty -311	Part Number	Description
	X												D119-646-013	FLOAT SKIDTUBE INSTALLATION WITH WEARPADS, LH
		X											D119-646-014	FLOAT SKIDTUBE INSTALLATION WITH WEARPADS, RH
			X										D119-646-113	FLOAT SKIDTUBE INSTALLATION WITH FULL LENGTH WEARPLATES & WEARPADS, LH
				X									D119-646-114	FLOAT SKIDTUBE INSTALLATION WITH FULL LENGTH WEARPLATES & WEARPADS, RH
					X								D119-646-213	FLOAT SKIDTUBE INSTALLATION WITH TRAINING WEARPLATES, LH
						X							D119-646-214	FLOAT SKIDTUBE INSTALLATION WITH TRAINING WEARPLATES, RH
	1						X						D119-646-043	REPLACEMENT FLOAT SKIDTUBE WITH WEARPADS
				1				X					D119-646-143	REPLACEMENT FLOAT SKIDTUBE WITH FULL LENGTH WEARPLATES & WEARPADS
									X				D119-646-153	WEARPLATE KIT STANDARD SKIDTUBE
					1	1				X			D119-646-143	REPLACEMENT FLOAT SKIDTUBE WITH TRAINING WEARPLATES
											X		D119-646-253	TRAINING WEARPLATES FLOAT SKIDTUBE
	1	1				1						X	D119-646-311	GROUND HANDLING KIT
1							1						D3905-041	FLOAT SKIDTUBE ASSY. WITH WEARPAD
20								1					D3905-043	FLOAT SKIDTUBE ASSY. WITH WEARPLATE & WEARPAD
24									1				D3846-1	GASKET
25									1				D3846-11	GASKET
26									1				D3847-043	FWD WEARPLATE ASSY
27									1				D3847-045	CENTER WEARPLATE ASSY
28									1				D3847-049	AFT WEARPLATE ASSY
29									8				D3847-1	WEARPAD
30									1				D3847-11	WEARPAD
31									42				AN305A	BOLT
32									42				AN930C10L	WASHER (OR NAS1149C0332R)
40										1			D3905-045	FLOAT SKIDTUBE ASSY. TRAINING WEARPLATE
44											1		D3849-047	FWD TRAINING WEARPLATE ASSY
45											1		D3849-045	AFT TRAINING WEARPLATE ASSY
46											1		D3846-1	GASKET
47											1		D3846-11	GASKET
48											1		D3847-1	WEARPAD
49											1		D3847-11	WEARPAD
51											16		D3804-1	WASHER
52											8		AN3046A	BOLT
53											9		MS21250-05006	BOLT
54											10		AN305A	BOLT
55											10		AN930C10L	WASHER (OR NAS1149C0332R)
60	2		1	2		2							D3884-1	SADDLE, OUTSIDE, LH
61		2			2		2						D3883-2	SADDLE, OUTSIDE, RH
62	2					2							D3884-1	SADDLE, INSIDE, LH
63		2				2							D3884-2	SADDLE, INSIDE, RH
64	16	8	6	16	16	16							D2852	RUSHING
65	8	8	8	8	8	8							AN305A	BOLT
66	12	12	12	12	12	12							AN306A	BOLT
67	3		3	3	3	3							MS21250-05006	BOLT
68	3		3	3	3	3							AN930C10L	WASHER (OR NAS1149C0332R)
69	24		24	24	24	24							AN930C416L	WASHER (OR NAS1149C0432R)
70	8		8	8	8	8							AN930C519L	WASHER (OR NAS1149C0532R)

COPYRIGHT © 2009 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS UNCLASSIFIED AND CONFIDENTIAL. IT IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: B

Date: 09.06.29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

DART AEROSPACE USA, INC.

WIN-D119-646

Page 21 of 23

5

m	Qty -013	Qty -014	Qty -113	Qty -114	Qty -213	Qty -214	Qty -043	Qty -143	Qty -153	Qty -243	Qty -253	Qty -311	Part Number	Description
1	8	8	8	8	8	8							MS21043-3	NUT
2	12	12	12	12	12	12							MS21043-4	NUT
3	12	12	12	12	12	12							D2712	SET SCREW
4	16	16	16	16	16	16							D3672-7	WASHER
5	24	24	24	24	24	24							D3672-3	WASHER
6	8	8	8	8	8	8							D3672-7	WASHER
7	1	1	1	1	1	1							D3407-041	TOW RING
8	1	1	1	1	1	1							D3417-5	WASHER
9	1	1	1	1	1	1							D3456-1	WASHER
10	1	1	1	1	1	1							MS21043-4	NUT
11	1	1	1	1	1	1							D3417-7	WASHER
12												2	D3386-041	LUG ASSEMBLY
13												8	D2352	BUSHING
14												4	AN3C46A	BOLT
15												4	AN960C10L	WASHER (OR NAS1149C0332R)
16												4	MS21043-3	NUT
17	3	3	3	3									AN3C45A	BOLT
18					(3)	(3)							AN3C50A	BOLT
19	3	3	3	3									AN3C45A	BOLT
20					(3)	(3)							AN3C46A	BOLT
21					(9)	(9)							D3604-1	WASHER
22	6	6	6	6	6	6							AN4C8A	BOLT
23	6	6	6	6	6	6							D3672-3	WASHER
24	6	6	6	6	6	6							AN960C416L	WASHER (OR NAS1149C0432R)
25	5	5	5	5	5	5							AN960J0416	WASHER (OR NAS1149C0463J)
26	12	12	12	12	(2)	(2)							AN960C10L	WASHER (OR NAS1149C0332R)
27	6	6	6	6	(6)	(6)							MS21043-3	NUT

() ITEMS IN PARENTS ARE REF. ONLY AND DO NOT NEED TO BE INCLUDED WITH KIT.
AS THEY ARE ALREADY INSTALLED ON SKIDTUBE.

• COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: B
Date: 09.06.29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries